

NCDOT Prioritization 3.0 Project Summary

Mode: Highway **SPOT ID:** H141162 Status: Submitted

SR-1632 (Louis Stephens Rd)

Specific Improvement Type: 5 - Construct Roadway on New From/Cross Street: Poplar Pike Lane

To: SR 2153 (Little Dr) **Project Category:** Division Needs

Length: 0.54 TIP#:

Fully Funded in Draft STIP?

Cost to NCDOT: \$2,756,000

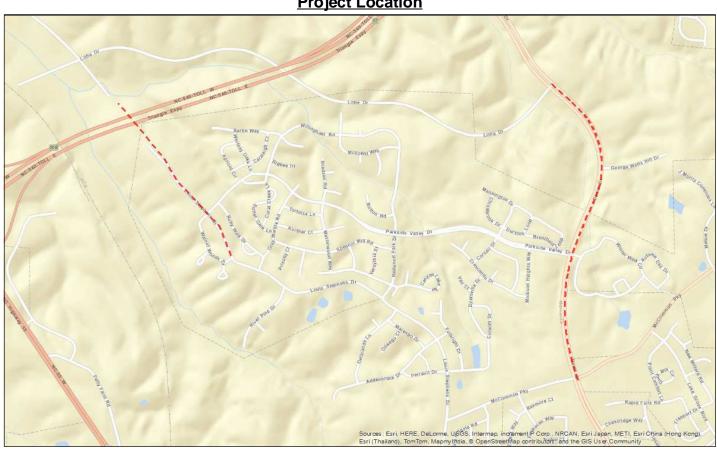
Description:

Construct 2 lanes on 4 lane R/W

Division(s): Division 5 County(s): WAKE

MPOS(s)/RPO(s): Capital Area MPO

Project Location



09/23/2014 02:39 PM Highway 1/4

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points: 0	Percent: 15% Points: 0

Division Needs Total Score: 76.41

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (10%) [Travel Time] Benefit/Cost (20%) Totals: Weight: 50% Weighted Scor	48.15 42.84 100.00 e: 33.91	Percent: 25% Points: 85	Percent: 25% Points: 85

09/23/2014 02:39 PM Highway **2/4**

Project Data *

Existing Conditions

Existing Cross-Section: 49 Speed Limit: Length (miles); 3.4 Arterial Facility Type: Access Control: None Functional Classification: Major Collector Terrain Type: Rolling Lane Width: 12 Paved Shoulder Width: Roadway has Curb & Gutter? No Volume (AADT): 20998.43 31697.62 Capacity: Volume/Capacity Ratio: 0.66 % Autos: 100% % Trucks: 0% Truck Volume: 0 75.14 Crash Density: Crash Severity: 29.85 Critical Crash Rate: 23.53 Crash Frequency: 0 0 Severity Index: County Tier Designation: 3 Non-Interstate STRAHNET No Route? Average Commuting Time: 20 Existing Median Type (for Divided Cost Estimation): Pavement Condition Rating: 0 Actual Congested Speed: 37 1.22 Travel Time Index:

Project Benefits

Project Cross-Section:	2B - 2 Lane Undivided with Paved Shoulders, 25-45 mph
Speed Limit:	45
Length (miles):	0.54
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	17591276.76
Travel Time Savings for 30 Years (Autos):	17591276.76
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 5

09/23/2014 02:39 PM Highway **3/4**

^{*} Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership

Division

Division	Percent	Regional Impact	Division Needs
Division 5	100%	0	85
	0%	0	0
	0%	0	0
TOTAL Division Points		0	85

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Capital Area MPO	100%	0	85
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	85

Project Cost and Source

Construction Cost:	\$2,577,000	Cost Estimation Tool
Right-of-Way Cost:	\$160,000	Cost Estimation Tool
Utilities Cost:	\$19,000	Cost Estimation Tool
Total Project Cost:	\$2,756,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$2,756,000	

09/23/2014 02:39 PM Highway **4/4**